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Attn: Examiner Andrew L. Nalven
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Alexandria, VA 22313-1450FROM: George H. Gates
OUR REF.: ST9-99-024
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Total pages, including cover letter: 21

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Title of Document Transmitted:	RESPONSE UNDER 37 C.F.R. 1.111.
Applicant:	Steven K. Elliot et al.
Serial No.:	09/514,607
Filed:	February 28, 2000
Group Art Unit:	2134
Title:	SIGNATURE HASH FOR CHECKING VERSIONS OF ABSTRACT DATA TYPES
Our Ref. No.:	ST9-99-024

Please charge all requisite fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application.

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Name: George H. Gates
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Isabelle Ogata
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Date

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G&C 30571.231-US-U1

Due Date: September 7, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven K. Elliot et al. Examiner: Andrew L. Nalven
 Serial No.: 09/514,607 Group Art Unit: 2134
 Filed: February 28, 2000 Docket: ST9-99-024
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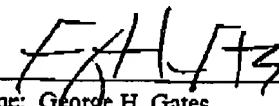
CLAIMS PRESENT

Claims Remaining:	Highest Number Previously Paid For:	Number Extra	Rate	Fee
Total Claims				
30	40	0	x \$18.00 =	\$0.00
Independent Claims				
10	10	0	x \$86.00 =	\$0.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
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